

APPLICATIONS

High Temperature Applications:
- Temperature measurement in furnaces

FEATURES

Reliable and accurate measurement with thermoresistance (RTD) element. Class B / Class A / Class 1/3DIN

Reliable and accurate measurement with thermocouple element

Tube penetration probe

Protection sheath material AISI 304 / AISI316 / AISI310

Wide range of diameter

Plastic hand held

Wide range of working temperature range:
-50C to 600C for thermoresistance (RTD)
-200C to 1100C for thermocouple (TYPE K)

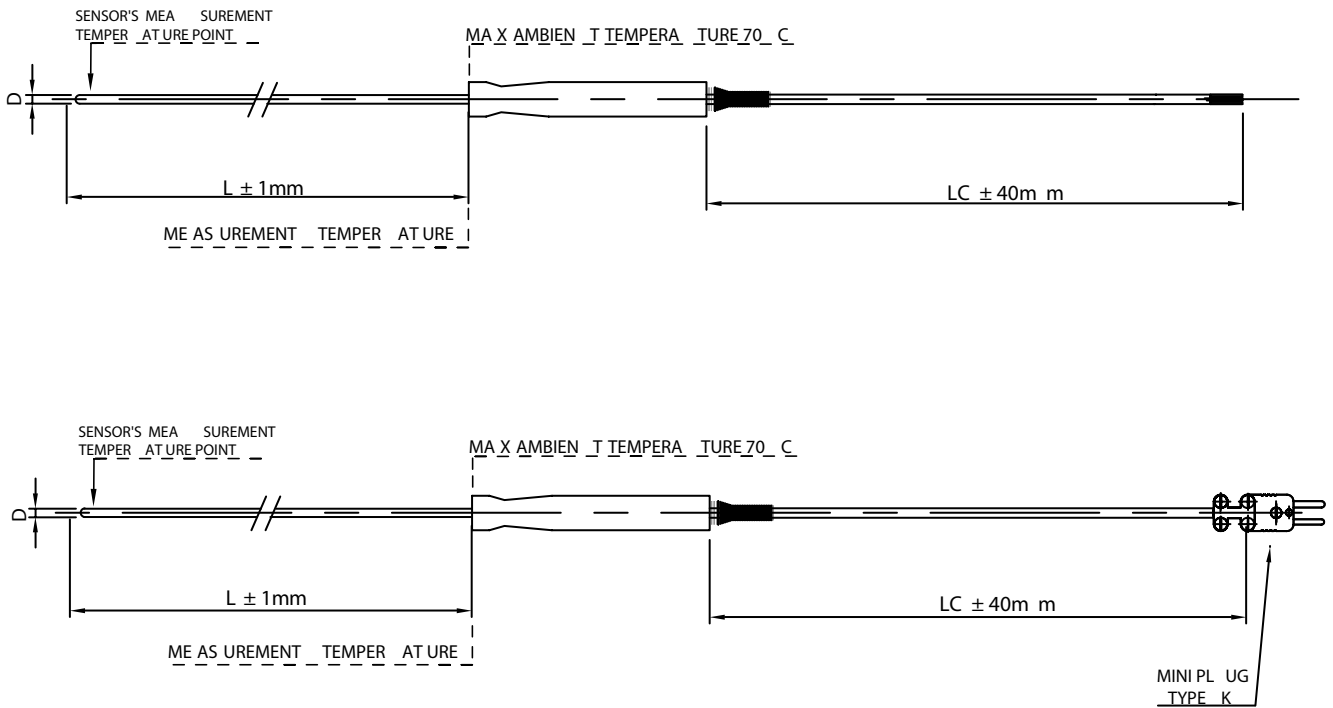
Wide range of cables:
- PVC / PVC (-10C to 105C)
-PTFE / PTFE (-10C to 260C)
- Glass Fiber / Glass Fiber / Screen (0C to 400C)

Max ambient temperature 70C





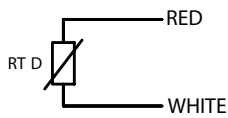
HH2: Hand held Temperature sensor with plastic hand held / for high temperature applications



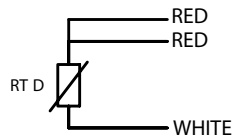


Cable: Thermoresistance. Color code according to DIN EN 60751
 Thermocouple Color code according to EN 60584-1 / MINI Plug TYPE K

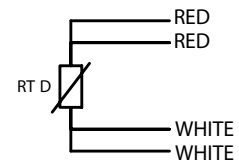
1 x RTD 2 wires



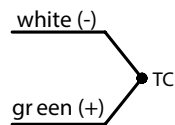
1 x RTD 3 wires



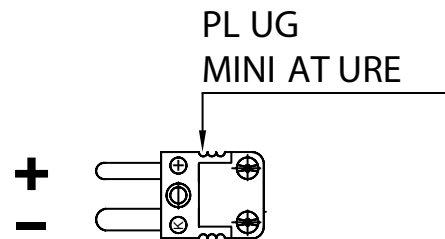
1 x RTD 4 wires



1xK (1xNiCr-NiAl)



Mini Plug TYPE K





ORDER CODE FOR HH2

SENSOR ELEMENT: THERMORESISTANCE (RTD) OR THERMOCOUPLE

1xPT100 - 2 Wires DIN EN 60751	1																		
1xPT100 - 3 Wires DIN EN 60751	2																		
1xPT100 - 4 Wires DIN EN 60751	3																		
1xPT1000 - 2 Wires DIN EN 60751	6																		
1xPT1000 - 3 Wires DIN EN 60751	7																		
1xPT1000 - 4 Wires DIN EN 60751	8																		
1xTYPE K (NiCr-NiAl) Class 1 EN60584-1	1K																		

PROTECTION SHEATH MATERIAL

AISI 304 / for thermoresistance (RTD)																					4
AISI 316 / for thermoresistance (RTD)																					5
AISI 310 / for thermocouple (TYPE K)																					10
OTHER PROTECTION SHEATH MATERIAL ON REQUEST																					XXX

TEMPERATURE RANGE

-50C to 600C for thermoresistance (RTD)																					L
-200C to 1100C for thermocouple (TYPE K)																					H

RTD CLASS [For thermoresistance elements]

Class B																					B
Class A																					A
Class 1/3DIN																					13

MINI PLUG TYPE K [For thermocouple elements]

WITH MINI PLUG TYPE K																					Y
WITHOUT MINI PLUG TYPE K																					N

DIAMETER D[mm]

2.0mm																					2
3.0mm																					3
4.5mm																					4.5
6.0mm																					6
OTHER DIAMETER D[mm] ON REQUEST																					XXX

LENGTH L[mm ±1]

From 50mm to 500mm																					---
OTHER LENGTH L[mm] ON REQUEST																					XXX

CABLE LENGTH LC[mm ±40]

From 500mm to 10.000mm																					---
OTHER CABLE LENGTH LC[mm] ON REQUEST																					XXX

CABLE MATERIAL [For temperature sensors with cable]

PVC/PVC (-10C to 105C)																					PV
PTFE/PTFE (-60C to 260C)																					PT
Glass Fiber/Glass Fiber/Screen (0C to 400C)																					GR
OTHER CABLE MATERIAL ON REQUEST																					XXX

ORDERING EXAMPLE: HH2-1K-10-H-Y-6-300-2-PT

Delta Velestino, 375 00 Magnesia, Greece tel. 0030 2425024248

www.analysis-ltd.com.gr

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